

Scotland's Rural College

## Scottish Recommended List for Cereals 2015

Hoad, SP

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# **Scottish Recommended List for Cereals 2015 Tables**

**Data from HGCA Recommended List Trials**



## Scottish Recommended List for Cereals 2015

**Spring barley** Yield of 100 = 6.8 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use Brewing, Distilling, Grain Distilling	IBD† Malting Approval	Screenings <2.5 mm (%)	Specific weight (kg/hl)		Maturity days +/- Optic	Straw Strength 1 to 9; weak to stiff	Straw length (cm)	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2015	P1	Scholar	109	14	Feed	No	6.0	68.3		+1	7	69	9	[9]	6	[8]
2014	P2	KWS Irina	108	14	B	P	4.6	66.2		+1	8	70	9	9	5	7
2013	P2	Sanette	108	15	B	P	4.7	67.2		+2	7	72	8	9	6	8
2015	P1	Olympus	106	14	D & GD	T	5.0	67.0		+2	7	74	6	[9]	6	[4]
2010	R	Propino	103	12	B	F	2.4	67.9		+1	7	77	8	6	6	6
2012	R	Odyssey	102	13	B & D	F	3.6	68.2		+2	6	75	8	9	6	6
2005	R	Waggon	101	13	Feed	No	---	67.6		0	7	74	8	9	4	8
2011	R	Moonshine	99	12	D	F	3.5	67.7		0	7	73	7	[9]	5	4
2009	R	Concerto	96	11	B & D	F	2.8	68.8		+2	6	78	8	9	4	6
2008	R	Belgravia	96	11	D & GD	F	3.9	68.0		+1	---	78	8	[8]	6	[6]
1995	O	Optic	94	16	D	F	5.0	70.1		0	7	75	5	5	3	5

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

† Institute of Brewing and Distilling

--- = Insufficient information

P1 and P2 = Provisional Year 1 and 2

F = IBD Full Approval

[ ] = HGCA limited data

O = Becoming outclassed

P = IBD Provisional Approval

T = Under test as a malting variety

Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website ([www.hgca.com](http://www.hgca.com))

## Scottish Recommended List for Cereals 2015

**Winter barley** Yield of 100 = 8.4 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % control		IBD† Malting Approval	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- Cassata	Straw Strength 1 to 9; weak to stiff	Straw length (cm)	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch	BaMMV R=resistant
2015	P1	Daxor	[108]	17	105	104	No	5.9	66.0	-1	8	92	4	6	5	R
2009	R	Volume	107	21	107	107	No	13.1	68.7	-2	7	100	5	7	6	R
2014	P2	KWS Tower	105	21	106	105	No	3.5	68.0	-1	7	89	5	5	4	R
2012	R	KWS Meridian	105	13	103	104	No	4.4	66.1	-2	7	103	8	6	7	R
2015	P1	KWS Infinity	[105]	23	106	106	No	6.6	68.4	-1	7	87	3	6	5	R
2013	R	KWS Glacier	104	20	104	106	No	4.7	69.9	-1	6	82	3	5	6	R
2007	O	Retriever	104	25	104	101	No	---	66.6	-1	6	85	5	4	5	R
2014	P2	Cavalier	104	25	104	101	No	6.1	70.2	-2	6	83	5	5	5	R
2010	R	KWS Cassia	102	16	101	101	No	3.5	71.3	-1	7	88	4	4	6	R
2011	O	Escadre	100	19	100	97	No	6.5	70.5	-2	7	96	4	7	6	R
2007	S	Cassata	93	17	94	95	F	4.1	69.0	0	8	89	4	7	3	R
1999	S	Pearl	89	15	92	91	F	3.4	71.0	0	7	98	6	5	5	

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F = IBD Full Approval

[ ] = HGCA limited data

S = Specific use variety

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Data from HGCA Recommended List trials. The full data sets collected are available on the HGCA website ([www.hgca.com](http://www.hgca.com))

## Scottish Recommended List for Cereals 2015

**Winter wheat** Yield of 100 = 9.5 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 <sup>nd</sup> cereal	Quality markets			Specific weight (kg/hl)	HFN	Maturity days +/- Solstice	Straw strength 1-9; weak to stiff	Straw length (cm)	Disease resistance 1 susceptible to 9 resistant					
						Distilling	UK Milling	Export ‡						Mil-dew	Yellow rust	Septoria nodorum	Septoria tritici	Eye-spot	Fusarium
2013	R	Leeds	107	23	Good	Med	---	uks Y	77.7	206	+2	7	85	3	7	[6]	5	5	7
2014	P2	Twister	107	26	Good	Med	---	---	76.7	176	+1	7	87	4	6	[6]	5	[6]	6
2013	R	Myriad	104	18	Poor	Med	---	uks [Y]	76.3	231	+2	6	88	6	8	[5]	5	5	6
2009	R	Viscount	104	21	Poor	Good	---	uks [Y]	75.9	174	+1	6	81	[7]	4	[6]	5	5	6
2012	R	Horatio	103	18	Mod	Med	---	uks Y	75.8	237	+1	7	87	7	6	[5]	5	5	6
2010	O	Beluga	103	22	Mod	Good	---	uks Y	74.9	165	0	7	78	3	6	[5]	5	5	6
2006	O	Alchemy	98	14	Poor	Med	---	uks [Y]	77.1	243	+2	7	87	[8]	7	5	6	6	7
2014	P2	Zulu	103	17	Mod	Med	Biscuit	uks [Y]	75.6	219	+1	6	87	7	9	[6]	5	[5]	6
2014	P2	Icon	103	11	Mod	Good	Biscuit	---	75.7	223	+1	7	83	8	8	[5]	6	[4]	6
2015	P1	RGT Conversion	[102]	14	Mod	Good	Biscuit	---	76.0	223	+1	7	83	8	8	[6]	6	[6]	6
2010	R	Invicta	101	16	Poor	Med	Biscuit	uks [Y]	74.8	242	+3	7	88	5	8	5	5	5	6
2014	P2	Skyfall	104	10	Good	Poor	Bread	---	78.1	280	0	8	81	6	6	[5]	6	[6]	6
2004	O	Cordiale	96	20	Mod	Poor	Bread	ukp Y	78.9	316	-1	7	78	6	5	[5]	5	5	5
2015	P1	Reflection	[107]	13	Good	Poor		---	77.4	228	0	7	80	7	6	[6]	5	[6]	6
2009	R	Grafton	101	16	Good	Poor	---	---	77.9	289	-1	8	75	7	6	[5]	5	6	5

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ = Export potential	Y = suited to that market	Mod = moderate; Med = medium
P1 and P2 = Provisional Year 1 and 2	uks = soft wheat for export	[Y] = may be suited to that market	--- = Not applicable
S = Specific use variety	ukp = bread wheat for export		[ ] = HGCA limited data
O = Becoming outclassed	HFN = Hagberg falling number		

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## Scottish Recommended List for Cereals 2015

### Spring oats (Yield of 100 = 7.9 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2015	P1	Aspen	108	[16]	[77.7]	[1.3]	[55.2]	[-2]	[7]	105	[4]	6
2015	P1	Montrose	104	[17]	[76.7]	[0.7]	[55.7]	[-1]	[8]	108	[3]	4
2011	R	Canyon	101	8	76.2	1.2	55.1	-2	[7]	115	[4]	8
2014	P2	Conway	101	13	77.9	[1.2]	54.6	0	[7]	108	[4]	7
2000	R	Firth	100	13	78.7	2.3	54.2	0	7	106	[4]	7
2007	O	Atego	97	20	76.3	3.0	53.6	-3	[7]	103	[4]	3

### Winter oats (Yield of 100 = 8.3 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Gerald	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2014	P2	Rhapsody	109	---	72.3	2.4	50.2	0	---	106	[6]	[8]
2010	S	Balado	105	---	73.0	3.1	49.6	+1	[9]	86	[3]	4
2003	R	Dalguise	101	---	75.9	3.2	54.4	-1	[4]	116	3	4
1993	R	Gerald	101	---	73.7	3.0	53.4	0	[6]	112	5	3
2004	O	Mascani	98	---	78.1	1.5	54.5	-1	[6]	111	8	6

### Spring wheat (Yield of 100 = 7.0 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	nabim Group	Hagberg falling number	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength 1-9; weak to stiff	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2003	R	Tybalt	102	---	2	293	75.4	[+1]	---	78	6	8
2011	R	Mulika	99	---	1	306	76.9	[0]	---	82	5	[7]

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